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PTO/SB/21 (09-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/650,446
Filing Date	August 28, 2003
First Named Inventor	Kalin Spariosu
Art Unit	
Examiner Name	
Attorney Docket Number	PD-02W148

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	RAYTHEON COMPANY		
Signature			
Printed name	JOHN E. GUNTHER		
Date	JUNE 17, 2005	Reg. No.	43,649

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	JOHN E. GUNTHER	Date	JUNE 17, 2005

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Patent
PD-02W148

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Date: June 17, 2005
KALIN SPARIOSU)
Serial No.: 10/650,446) Art Unit:
Filed: August 28, 2003)
Title: GAIN BOOST WITH SYNCHRONIZED) Examiner:
MULTIPLE WAVELENGTH PUMPING	
IN A SOLID-STATE LASER	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313

Dear Sir:

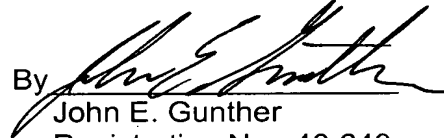
The references cited on the enclosed form PTO/SB/08A/B (copies enclosed) may be material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37CFR 1.56.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, or that additional information constitutes prior art.

I hereby certify that each item in the Search Report was cited by a foreign patent office, in a counterpart foreign application, not more than three (3) months prior to the filing of this Statement.

Respectfully submitted,

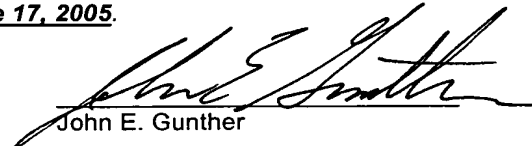
KALIN SPARIOSU

By 

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P.O. Box 902
El Segundo, CA 90245

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Substitute for form 1449/PTO

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	01	of	02
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Complete if Known

Application Number	10/650,446
Filing Date	August 28, 2003
First Named Inventor	Kalin Spariosu
Art Unit	
Examiner Name	
Attorney Docket Number	PD-02W148

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 1 039 593	09-27-2000	NEC Corporation		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/650,446
		Filing Date	August 28, 2003
		First Named Inventor	Kalin Spariosu
		Art Unit	
Examiner Name			
Attorney Docket Number	PD-02W148		
Sheet	02	of	02

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Nikolov, S. et al.: "Diode Pumped Erbium Lasers at 1.55 'mu!m and 1.64 'mu!m in single frequency operation" Proceedings of the Spie - The International Society for Optical Engineering SPIE-INT. Soc. Opt. Eng USA, Vol. 2772, 1996, pgs. 78-84, XP002324720, ISSN: 0277-786X	
	2	Kaczmarek, F. et al.: "Kinectics of Er<3+>-doped fluoro-zirconate optical fiber upconversion fluorescence and laser emission under 800 nm - excitation" Applied Physics B (Lasers and Optics) Springer-Verlag Germany, Vol. 873, No. 2, August 2001, pgs. 125-128, XP002324721.	
	3	Ruikun Wu et al.: "Characteristics of Diode-Pumping Erbium Ytterbium-Doped Glass Laser" Proceedings of the SPIE - The International Society for Optical Engineering SPIE-INT. Soc. Opt. Eng. USA, Vol. 2986, 1997, pgs. 16-18, XP0023024722, ISSN: 0277-786X	

Examiner Signature	Date Considered
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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